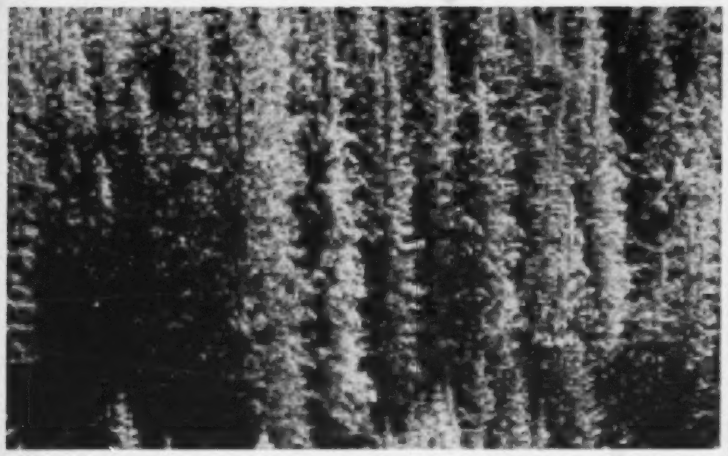


INDUSTRY PROFILES

Forestry and Logging with Support Activities

June 2012

Alberta

Overview:

The Forestry and Logging with Support Activities industry[1] in Alberta includes establishments that:

- produce seedlings in specialized nurseries;
- grow or harvest timber on a long production cycle (10 years or more); and
- provide related support services.

Section A: Business Environment
1. 2011 Employment and Unemployment Numbers and Rates
2. Industry's Growth
3. Facts, Trends and Outlook
4. Size of Businesses in Alberta and the Industry
Section B: Human Resources Profile
1. Occupational Information
2. Demographics: Gender and Age
3. Wages
Section C: Additional Information
Links to Selected Associations in Industry

[1] North American Industry Classification System (NAICS) groups 113 and 1153

Section A: Business Environment

1. 2011 Employment and Unemployment Numbers and Rates:

	Alberta	Forestry and Logging with Support Activities Industry
Number of employed	2,094,100	3,400
Percent employed in the industry		0.2%
Number of unemployed	121,000	N/A
Unemployment rate	5.5%	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2012
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics[2] or Statistics Canada[3] websites.

2. Industry's Growth:

- This industry accounted for 0.2% of total employment in Alberta in 2011.
- Employment in the Forestry and Logging with Support Activities industry is expected to grow at an average rate of 1.1% from 2011 to 2015.
- This industry is expected to account for 0.2% of total employment in Alberta in 2015.

For more information, see the *Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2011 – 2015, Industry Employment Outlook*[4] online and the Alberta Learning Information Service (ALIS)[5] website for descriptions of industries.

[2] See http://www.employment.alberta.ca/BI/67.html
[3] See http://www.statcan.gc.ca
[4] See http://www.employment.alberta.ca/documents/cops-outlook-2011-2015.pdf
[5] See http://www.alis.alberta.ca

3. Facts, Trends and Outlook:

According to Statistics Canada's National Economic Accounts, the Forestry and Logging with Support Activities industry accounted for approximately 0.3%[6] of Alberta's Gross Domestic Product in 2011, the same as in 2001. The industry's share of Alberta's total employment was 0.2% in 2011, the same is in 2001.

Employment in 2011 was the same as in 2010. Over the last ten years, employment declined form 3,800 people in 2001 to 3,400 people in 2011. Data on employees and self-employed people were not available due to the industry's small sample size.

Characteristic	Alberta	Forestry, Fishing, Mining and Oil and Gas*
Median Retirement Age (years)	64.7	N/A
Average Number of Hours Worked per Week	37.6	45.9
Multiple Jobholders (% of total employment)	6.0%	3.2%
Average Job Tenure (months)	87.9	74.3
Employees Under Union Coverage (%)	23.2%	10.2%
Employees Working Overtime per Week (%)	25.8%	38.4%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Tables 282-0022, 282-0031, 282-0042, 282-0078 and 282-0084, 2012 and custom tabulation (median retirement age)

* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size.

Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

According to *Alberta Occupational Demand Outlook 2011-2015*, employment growth in the Logging and forestry workers; Logging machinery operators; and other occupations is expected to be below 2.7%, the average for all occupations.

[6] Includes support activities for agriculture.

4 Size of Businesses in Alberta and the Industry:

Establishment Size	Businesses in Alberta		Businesses in Forestry, Fishing, Mining, Oil and Gas*	
	Number of Employees	%	Number of Employees	%
Less than 20 employees	637,400	36.6%	35,800	25.6%
20 to 99 employees	594,400	34.1%	37,900	27.1%
100 to 500 employees	326,300	18.7%	31,700	22.7%
Over 500 employees	184,200	10.6%	34,400	24.6%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0076, 2012

* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size.

Note: Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the total number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

Section B: Human Resources Profile

1. Occupational Information:

Some examples of occupations in the Forestry and Logging with Support Activities industry include:

- forest technologist and technician;
- forester;
- logging equipment operator;
- conservation officer; and
- park warden.

For a complete listing of all occupations related to this industry as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles[7] website.

2. Demographics: Gender and Age:

According to the Labour Force Survey, the gender breakdown in the Forestry, Logging with Support Activities industry in 2011 is as follows:

- women employed: 11.8%
- men employed: 3,000 people, or 88.2%

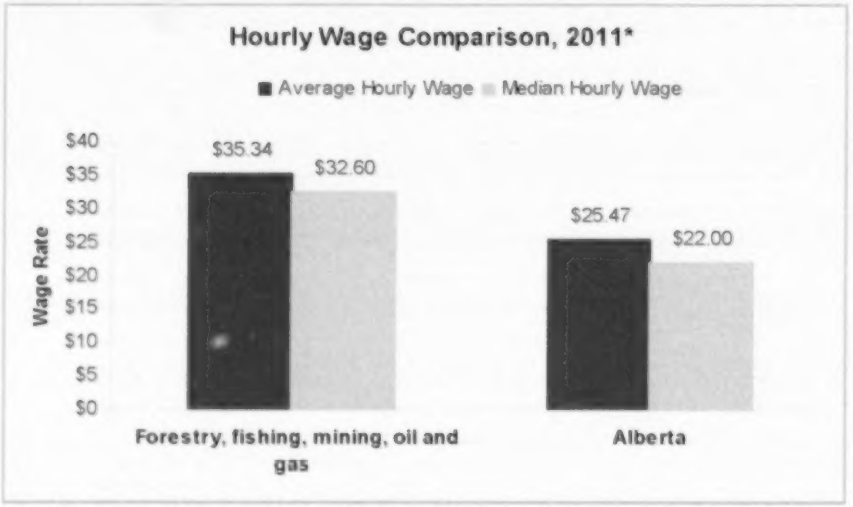
In Alberta, women accounted for 44.9% and men made up 55.1% of total employment.

Age Characteristics	Employment in Alberta		Employment in Forestry and Logging with Support Activities	
	Number	%	Number	%
15-24 years	318,900	15.2%	N/A	N/A
25-54 years	1,423,000	68.0%	2,700	79.4%
55 years and over	352,300	16.8%	N/A	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2012
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

[7] See http://www.alis.alberta.ca/occinfo

3. Wages:



Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0072, 2012
*Forestry and logging is grouped with fishing, mining, oil and gas because of small sample size.
Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Wage and Salary Information for Selected Occupations

Occupation	Average Hourly Wage			Average Annual Salary
	Starting Average	Overall Average	Top Average	
Truck driver	$ 27.24	$ 28.66	$ 31.15	$ 73,927
Forestry professional	$ 30.99	$ 37.92	$ 39.75	$ 71,572
Logging machinery operator	$ 20.84	$ 25.82	$ 29.42	$ 59,467
Conservation officer	$ 25.28	$ 29.21	$ 31.53	$ 55,709

Data Source: 2011 Alberta Wage and Salary Survey

For more information on the 2011 Alberta Wage and Salary Survey, refer to the WAGEinfo[8] webpage. For job descriptions, duties, required skills and education for specific occupations in the Forestry and Logging with Support Activities industry, visit the ALIS[9] website.

[8] See http://www.alis.alberta.ca/wageinfo
[9] See http://www.alis.alberta.ca

Section C: Additional Information

Links to Selected Associations in Industry:

- Alberta Forest Products Association
  (http://www.albertaforestproducts.ca)
- College of Alberta Professional Forest Technologists
  (http://www.capft.ca)
- Resources Industry Suppliers Association
  (http://www.resourcesuppliers.com)